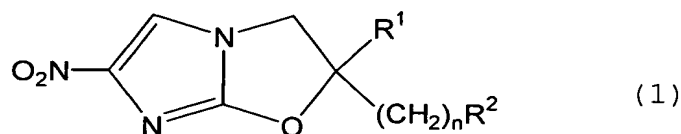


CLAIMS

1. A 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound represented by the following general formula (1), optically active form thereof, or pharmaceutically acceptable salt thereof:



wherein R^1 represents a hydrogen atom or C1-6 alkyl group, n represents an integer of 0 to 6, and R^2 represents a group represented by general formula (A), (B), (C), (D), (E), (F) or (G) indicated below, and further, R^1 and $-(CH_2)_nR^2$ may bind to each other together with carbon atoms adjacent thereto through nitrogen atoms, so as to form a spiro ring represented by general formula (H) indicated below:

a group represented by the following general formula (A):



wherein R^3 represents:

A1) hydrogen atom;

A2) C1-6 alkyl group;

A3) C1-6 alkoxy-C1-6 alkyl group

A4) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a phenyl C1-6 alkoxy group, a halogen-substituted or unsubstituted

C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a phenoxy group which may have, as a substituent, at least one halogen-substituted or unsubstituted C1-6 alkoxy group on the phenyl ring);

A5) biphenylyl C1-6 alkyl group;

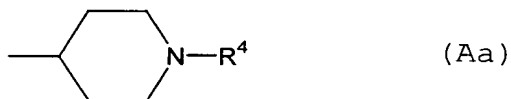
A6) phenyl C2-6 alkenyl group;

A7) C1-6 alkylsulfonyl group;

A8) benzenesulfonyl group which may be substituted by a C1-6 alkyl group;

A9) C1-6 alkanoyl group;

A10) a group represented by the following general formula (Aa):



wherein R⁴ represents a C1-6 alkoxycarbonyl group; phenyl C1-6 alkoxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a phenyl C1-6 alkoxy group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a phenyl C1-6 alkoxy group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-

substituted or unsubstituted C1-6 alkoxy group);

A11) biphenyl C1-6 alkoxycarbonyl group;

A12) benzoxazolyl C1-6 alkyl group (which may be substituted on the benzoxazole ring by at least one oxo group as a substituent);

A13) benzoxazolyl group; or

A14) oxazolyl C1-6 alkyl group (which may be substituted on the oxazole ring by at least one group selected from the group consisting of a phenyl group and C1-6 alkyl group as a substituent),

a group represented by the following general formula (B):

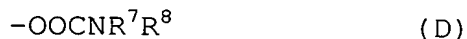


wherein R^5 represents a tetrazolyl group (which may be substituted on the tetrazole ring by a C1-6 alkyl group or phenyl group which may have a halogen atom as a substituent), or benzoxazolyl group,

a group represented by the following general formula (C):



wherein R^6 represents a C1-6 alkyl group, a carbamoyloxy group represented by the following general formula (D):



wherein R^7 and R^8 each identically or differently represent any one of:

D1) hydrogen atom;

D2) C1-8 alkyl group;

D3) halogen-substituted C1-6 alkyl group;

D4) C1-6 alkoxycarbonyl-C1-6 alkyl group;

D5) C3-8 cycloalkyl group;

D6) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

D7) phenyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a C1-6 alkanoyl group, a carboxyl group, a C1-6 alkoxycarbonyl group, a phenyl C1-6 alkoxycarbonyl group, a carbamoyl group, a C1-6 alkylcarbamoyl group, an aminosulfonyl group, and a morpholino group);

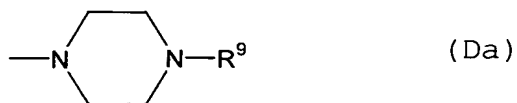
D8) naphthyl group;

D9) pyridyl group; and

D10) R^7 and R^8 may bind to each other together with nitrogen atoms adjacent thereto directly or through other hetero atoms or carbon atoms, so as to form a saturated heterocyclic group shown in any one of (D10-1) to (D10-3) indicated below, or benzene condensed heterocyclic group shown in any one of (D10-4) to (D10-7) indicated below:

(D10-1) piperazinyl group represented by the

following general formula (Da):



wherein R⁹ represents:

(Da1) hydrogen atom;

(Da2) C1-6 alkyl group;

(Da3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Da4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Da5) C1-6 alkoxy carbonyl group;

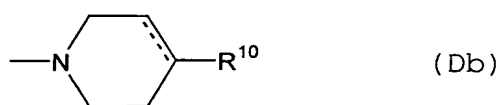
(Da6) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Da7) phenyl C3-6 alkenyloxy carbonyl group (which may have at least one halogen-substituted or

unsubstituted C1-6 alkyl group on the phenyl ring); or

(Da8) phenyl C1-6 alkylidene substituted amino group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group as a substituent),

(D10-2) a group represented by the following general formula (Db):



wherein the dotted line represents that the bond may be a double bond, and R^{10} represents:

(Db1) hydrogen atom;

(Db2) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Db3) phenoxy group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group); or

(Db4) phenylamino group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group),

(D10-3) morpholino group;

(D10-4) indolinyll group (which may be substituted on the indoline ring by at least one halogen atom

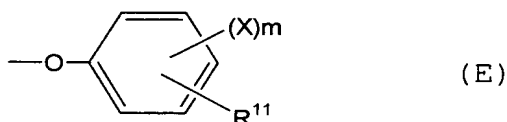
as a substituent);

(D10-5) isoindolinyl group (which may be substituted on the isoindoline ring by at least one halogen atom as a substituent);

(D10-6) 1,2,3,4-tetrahydroquinolyl group, (which may be substituted on the 1,2,3,4-tetrahydroquinoline ring by at least one halogen atom as a substituent); and

(D10-7) 1,2,3,4-tetrahydroisoquinolyl group, (which may be substituted on the 1,2,3,4-tetrahydroisoquinoline ring by at least one halogen atom as a substituent),

a phenoxy group represented by the following general formula (E):



wherein X represents a halogen atom or amino substituted C1-6 alkyl group which may have a C1-6 alkyl group as a substituent, m represents an integer of 0 to 3, and R¹¹ represents:

E1) hydrogen atom;

E2) halogen-substituted or unsubstituted C1-6 alkyl group;

E3) halogen-substituted or unsubstituted C1-6 alkoxy group;

E4) a group represented by the following general formula (Ea):



wherein W represents a group -CO- or a C1-6 alkylene group, o represents an integer of 0 or 1, and R^{12} and R^{13} each identically or differently represent any one of:

(Ea1) hydrogen atom;

(Ea2) C1-6 alkyl group;

(Ea3) C1-6 alkanoyl group;

(Ea4) C1-6 alkoxy carbonyl group;

(Ea5) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group as a substituent), and the alkyl portion may be substituted by a C1-6 alkoxyimino group);

(Ea6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ea7) benzoyl group (which may be substituted

on the phenyl ring by at least one group selected from a group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ea8) pyridyl group (which may be substituted on the pyridine ring by at least one halogen atom as a substituent);

(Ea9) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ea10) phenoxy C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); and

(Ea11) benzoyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

E5) imidazolyl group;

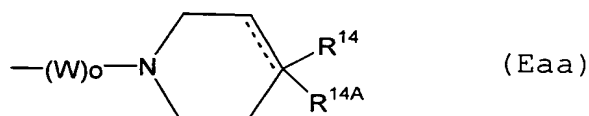
E6) triazolyl group;

E7) morpholino group;

E8) thiomorpholino group;

E9) s-oxide thiomorpholino group;

E10) piperidyl group represented by the following general formula (Eaa):



wherein W and o are the same as above, R^{14A} represents a hydrogen atom, hydroxyl group, C1-6 alkoxy group, or phenyl group (which may be substituted by halogen on the phenyl ring); the dotted line represents that the bond may be a double bond, and when the dotted line represents a double bond, it means that only R^{14} is substituted; R^{14} and R^{14A} may bind to each other together with carbon atoms adjacent thereto to form a C1-4 alkylenedioxy group, and R^{14} represents:

(Eaa1) hydrogen atom;

(Eaa2) C1-6 alkoxy carbonyl group;

(Eaa3) phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; a C1-4 alkylenedioxy group; a C1-6 alkoxy carbonyl group; a cyano group; a C2-6 alkenyl group; a nitro group; a phenyl group; an amino group which may have, as a substituent, a group selected from the group

consisting of a phenyl group, a C1-6 alkyl group, a carbamoyl group and a C1-6 alkanoyl group; a C1-6 alkanoyl-substituted C1-6 alkyl group; a hydroxyl group; a C1-6 alkoxy carbonyl-substituted C1-6 alkyl group; a phenyl C1-6 alkyl group; a C1-6 alkanoyl group; a C1-6 alkylthio group; a 1,2,4-triazolyl group; an isoxazolyl group; an imidazolyl group; a benzothiazolyl group; a 2H-benzotriazolyl group; a pyrrolyl group; a benzoxazolyl group; a piperazinyl group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of a C1-6 alkoxy carbonyl group and a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) as a substituent); a piperidinyl group (which may be substituted on the piperidine ring by at least one group selected from the group consisting of an amino group (which may be substituted on the amino group by at least one group selected from the group consisting of a C1-6 alkyl group and a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) as a substituent)); and a carbamoyl group));

(Eaa4) hydroxyl group;

(Eaa5) carboxy group;

(Eaa6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group as a substituent), a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group as a substituent);

(Eaa7) C1-6 alkoxy group;

(Eaa8) C3-8 cycloalkyl-C1-6 alkoxy group;

(Eaa9) phenylcarbamoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eaa10) tetrahydropyranyloxy group;

(Eaa11) 1,3-dioxolanyl group;

(Eaa12) oxo group;

(Eaa13) naphthyloxy group (which may be substituted on the naphthalene ring by at least one C1-6 alkyl group as a substituent);

(Eaa14) 2,3-dihydrobenzofuryloxy group (which

may be substituted on the 2,3-dihydrobenzofuran ring by at least one group selected from the group consisting of a C1-6 alkyl group and an oxo group);

(Eaa15) benzothiazolyloxy group (which may be substituted on the benzothiazole ring by at least one C1-6 alkyl group);

(Eaa16) 1,2,3,4-tetrahydronaphthyloxy group (which may be substituted on the 1,2,3,4-tetrahydronaphthalene ring by at least one oxo group as a substituent);

(Eaa17) 1,3-benzoxathiolanyloxy group (which may be substituted on the 1,3-benzoxathiolan ring by at least one oxo group as a substituent);

(Eaa18) isoquinolyloxy group;

(Eaa19) pyridyloxy group;

(Eaa20) quinolyloxy group (which may be substituted on the quinoline ring by at least one C1-6 alkyl group as a substituent);

(Eaa21) dibenzofuryloxy group;

(Eaa22) 2H-chromenyloxy group (which may be substituted on the 2H-chromen ring by at least one oxo group as a substituent);

(Eaa23) benzisoxazolyloxy group;

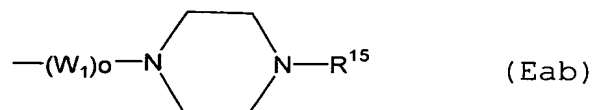
(Eaa24) quinoxalyloxy group;

(Eaa25) 2,3-dihydro-1H-indenyloxy group (which may be substituted on the 2,3-dihydro-1H-indene ring by at least one oxo group as a substituent);

(Eaa26) benzofurazanyloxy group; or

(Eaa27) phenyl C2-6 alkenyl group (which may be substituted on the phenyl ring by at least one group selected from a group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

E11) a group represented by the following general formula (Eab):



wherein o is the same as above, W₁ represents a C1-C6 alkylene group and R¹⁵ represents:

(Eab1) hydrogen atom;

(Eab2) C1-6 alkyl group (wherein the alkyl group may be substituted by a morpholino group, benzoyl group, carbamoyl group which may have a C1-6 alkyl group as a substituent, or cyano group);

(Eab3) C3-8 cycloalkyl group;

(Eab4) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a phenyl group, a nitro group, a C1-6 alkylthio group, a C1-6 alkylsulfonyl group, a phenyl C1-6 alkoxy group, a C2-6 alkanoyloxy group, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a 1,2,3-thiadiazolyl group);

(Eab5) C2-6 alkenyl group;

(Eab6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab7) C1-6 alkanoyl group;

(Eab8) phenyl C2-6 alkanoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab9) benzoyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab10) C1-20 alkoxycarbonyl group (which may be substituted on the alkoxy group by at least one group selected from the group consisting of a halogen atom, an amino group which may have a C1-6 alkyl group as a substituent, and a C1-6 alkoxy-substituted C1-6 alkoxy group);

(Eab11) phenyl C1-6 alkoxycarbonyl group (which may be substituted on the phenyl ring by at

least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a nitro group, a halogen-substituted or unsubstituted C1-6 alkylthio group, an amino group which may have a C1-6 alkanoyl group, a phenyl C1-6 alkoxy group, a C1-6 alkoxycarbonyl group, and a 1,2,3-thiadiazolyl group);

(Eab12) a phenyl C3-6 alkenyloxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab13) phenoxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab14) phenyl C1-6 alkylcarbamoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab15) phenylcarbamoyl group (which may be substituted on the phenyl ring by at least one group

selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eab16) benzofuryl-substituted C1-6 alkoxy-carbonyl group which may be substituted by at least one halogen atom on the benzofuran ring;

(Eab17) benzothieryl C1-6 alkoxy-carbonyl group (which may be substituted on the benzothiophene ring by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkoxy group as a substituent);

(Eab18) naphthyl-substituted C1-6 alkoxy-carbonyl group;

(Eab19) pyridyl-substituted C1-6 alkoxy-carbonyl group (which may be substituted on the pyridine ring by at least one halogen atom as a substituent);

(Eab20) furyl-substituted C1-6 alkoxy-carbonyl group (which may be substituted on the furan ring by at least one nitro group as a substituent);

(Eab21) thienyl-substituted C1-6 alkoxy-carbonyl group (which may have at least one halogen atom as a substituent on the thiophene ring);

(Eab22) thiazolyl-substituted C1-6 alkoxy-carbonyl group (which may be substituted on the thiazole ring by at least one group selected from the group consisting of a C1-6 alkyl group and a phenyl

group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group));

(Eab23) tetrazolyl-substituted C1-6 alkoxy-carbonyl group (which may be substituted on the tetrazole ring by at least one group selected from the group consisting of a C1-6 alkyl group and a phenyl group (which may have at least one halogen atom as a substituent on the phenyl ring) as a substituent);

(Eab24) 2,3-dihydro-1H-indenyloxycarbonyl group;

(Eab25) adamantane-substituted C1-6 alkoxy-carbonyl group;

(Eab26) phenyl C3-6 alkynyloxycarbonyl group;

(Eab27) phenylthio C1-6 alkoxy-carbonyl group;

(Eab28) phenyl C1-6 alkoxy-substituted C1-6 alkoxy-carbonyl group;

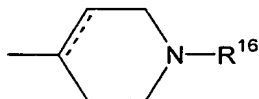
(Eab29) C2-6 alkenyloxycarbonyl group;

(Eab30) C2-6 alkynyloxycarbonyl group;

(Eab31) C3-8 cycloalkyl-substituted C1-6 alkoxy-carbonyl group; or

(Eab32) benzoyl-substituted C1-6 alkoxy-carbonyl group,

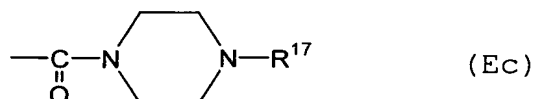
E12) a group represented by the following general formula (Eb):



(Eb)

wherein the dotted line represents that the bond may be a double bond, and R^{16} is defined as the same as R^{15} ;

E13) a group represented by the following general formula (Ec):



wherein R^{17} represents:

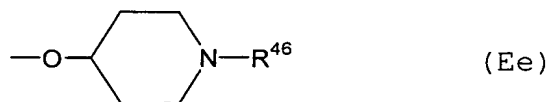
(Ec1) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ec2) C1-6 alkoxy carbonyl group; or

(Ec3) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

E14) pyridyl group;

E15) a group represented by the following general formula (Ee):



wherein R⁴⁶ represents a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group as a substituent); phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); phenyl C1-6 alkoxy-carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or C1-6 alkoxy-carbonyl group,

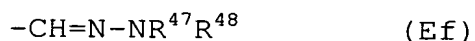
E16) phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

E17) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy

group);

E18) 8-azabicyclo[3,2,1]octyl group (which may be substituted on the 8-azabicyclo[3,2,1]octane ring by at least one phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) as a substituent);

E19) a group represented by the following general formula (Ef):



wherein R^{47} and R^{48} each identically or differently represent any one of a hydrogen atom, a C1-6 alkyl group, a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group), or a pyridyl group (which may be substituted on the pyridine ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group as a substituent); and further, R^{47} and R^{48} may bind to each other together with nitrogen atoms adjacent thereto directly or through other hetero atoms, so as to form a 5-7 membered saturated heterocyclic ring, which may be substituted on the heterocyclic ring by at least one phenyl group (which may be substituted on the phenyl

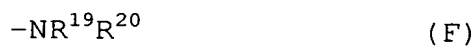
ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) as a substituent;

E20) phenyl C1-6 alkoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

E21) amino substituted C2-6 alkenyl group (which may be substituted on the amino group by at least one group selected from the group consisting of a C1-6 alkyl group and a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group)); or

E22) oxazolidinyl group (which may be substituted on the oxazolidine ring by at least one oxo group as a substituent),

a group represented by the following general formula (F):



wherein R^{19} and R^{20} each identically or differently represent any one of:

F1) hydrogen atom;

F2) C1-6 alkyl group;

F3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; an amino group which may have at least one group selected from the group consisting of a C1-6 alkyl group, and a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a piperazinyl group (which may be substituted on the piperazine ring by at least one phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) as a substituent); and a piperidyl group (which may be substituted on the piperidine ring by at least one

amino group which may have a group selected from the group consisting of a phenyl group (which may be substituted on the phenyl ring by at least one group selected from a group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) and a C1-6 alkyl group as a substituent));

F4) phenoxy C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

F5) amino C1-6 alkyl group (which may be substituted on the amino group by at least one group selected from the group consisting of a C1-6 alkyl group, a C1-6 alkoxycarbonyl group, and a phenyl group which may be substituted on the phenyl group by at least one group selected from a group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkyl group);

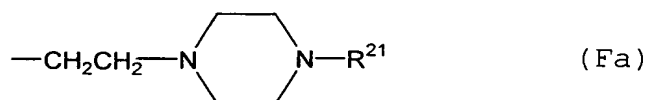
F6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or

unsubstituted C1-6 alkoxy group), and a C1-6 alkoxy-carbonyl group);

F7) C1-6 alkoxy-carbonyl group;

F8) phenyl C1-6 alkoxy-carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

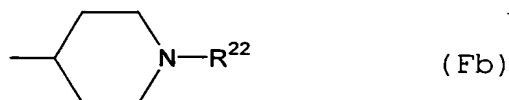
F9) a group represented by the following general formula (Fa):



wherein R²¹ represents a C1-6 alkoxy-carbonyl group; phenyl C1-6 alkoxy-carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkyl group); or phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-

6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

F10) 1-substituted-4-piperidyl group
represented by the following formula (Fb):

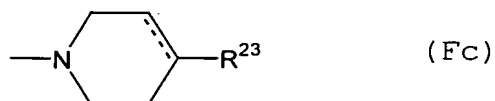


wherein R²² represents a C1-6 alkoxy carbonyl group; phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

F11) piperidyl C1-6 alkyl group (which may have at least one phenoxy group (which may have at least one halogen-substituted or unsubstituted C1-6 alkyl group as a substituent) as a substituent);

F12) in addition, R¹⁹ and R²⁰ may bind to each other together with nitrogen atoms adjacent thereto directly or through other hetero atoms or carbon atoms, so as to form a heterocyclic ring shown in any one of (F12-1) to (F12-10) indicated below:

(F12-1) a group represented by the following formula (Fc):



wherein the dotted line represents that the bond may be a double bond, and R^{23} represents:

(Fc1) C1-6 alkyl group;

(Fc2) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc3) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; an amino group which may have, as a substituent, a group selected from the group consisting of a C1-6 alkyl group and a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the

group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a phenyl C1-6 alkoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); and a piperidyl group (which may have, on the piperidine ring, as a substituent, at least one amino group that may have a group selected from the group consisting of a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) and a C1-6 alkyl group));

(Fc4) phenyl C1-6 alkoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc5) biphenyl C1-6 alkoxy group;

(Fc6) phenyl C3-6 alkenyloxy group which may be substituted on the phenyl ring by at least one halogen atom;

(Fc7) phenoxy group (which may be substituted

on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc8) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc9) C1-6 alkoxy carbonyl group;

(Fc10) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc11) phenyl C1-6 alkyl carbamoyl group wherein at least one halogen may be substituted on the phenyl ring;

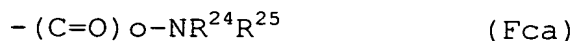
(Fc12) phenyl carbamoyl group (which may be substituted on the phenyl ring by at least one group selected from a group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc13) phenylthio group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc14) phenyl sulfoxide (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc15) pyridyl C1-6 alkoxy group; or

(Fc16) a group represented by the following general formula (Fca):



wherein O is the same as above, and each of R^{24} and R^{25} represents:

(Fca1) hydrogen atom;

(Fca2) C1-6 alkyl group;

(Fca3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca5) C1-6 alkanoyl group;

(Fca6) phenyl C2-6 alkanoyl group that may be substituted on the phenyl ring by at least one halogen atom;

(Fca7) benzoyl group (which may be substi-

tuted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca8) C1-6 alkoxy carbonyl group;

(Fca9) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

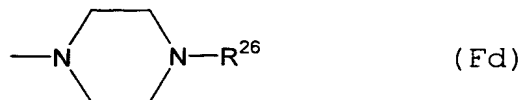
(Fca10) phenyl carbamoyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group);

(Fca11) piperidyl oxycarbonyl group (which may be substituted on the piperidine ring by at least one phenyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group) as a substituent); or

(Fca12) R^{24} and R^{25} may form a 5-6 membered saturated heterocyclic ring through nitrogen atoms adjacent thereto, which may be substituted on the heterocyclic ring by at least one group selected from the group consisting of a C1-6 alkoxy carbonyl group; a benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or

unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group; and a halogen-substituted or unsubstituted C1-6 alkoxy group); a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a phenyl C1-6 alkoxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); a phenyl C2-6 alkenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); and a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

(F12-2) 4-substituted-1-piperazinyl group
represented by the following general formula (Fd):



wherein R²⁶ represents:

- (Fd1) hydrogen atom;
- (Fd2) C1-6 alkyl group;
- (Fd3) C3-8 cycloalkyl group;
- (Fd4) C3-8 cycloalkyl C1-6 alkyl group;
- (Fd5) C1-6 alkoxycarbonyl C1-6 alkyl group;
- (Fd6) phenyl C2-6 alkenyl group;
- (Fd7) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of: a halogen atom; a cyano group; a halogen-substituted or unsubstituted C1-6 alkyl group; C3-8 cycloalkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; an amino group which may have a C1-6 alkyl group as a substituent; a C1-6 alkoxycarbonyl group; a phenoxy group; a phenyl C1-6 alkyl group; a phenyl C2-6 alkenyl group; a pyridyl group; an imidazolyl group; and a piperidyl group);
- (Fd8) biphenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy

group, and an amino group which may have a C1-6 alkyl group as a substituent);

(Fd9) naphthyl C1-6 alkyl group;

(Fd10) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a halogen atom; a cyano group; an amino group that may have a C1-6 alkyl group as a substituent; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; a C1-6 alkoxycarbonyl group; a carboxyl group, a phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); an amino C1-6 alkyl group (which may have on the amino group at least one group selected from the group consisting of a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) and a C1-6 alkyl group)); and a phenyl C1-6 alkoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group));

(Fd11) biphenylyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl groups);

(Fd12) amino group, amino group which is substituted by a C1-6 alkoxy carbonyl group, phenyl C1-6 alkylamino group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group), or phenylamino group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted C1-6 alkyl group and a halogen atom);

(Fd13) benzoyl C1-6 alkyl group (which may have on the phenyl ring at least one halogen atom as a substituent);

(Fd14) phenyl carbamoyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group);

(Fd15) thiazolyl C1-6 alkyl group (which may be substituted on the thiazole ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6 alkyl group);

(Fd16) oxazolyl C1-6 alkyl group (which may be substituted on the oxazole ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6

alkyl group);

(Fd17) indolyl C1-6 alkyl group;

(Fd18) furyl C1-6 alkyl group (which may be substituted on the furan ring by at least one halogen-substituted or unsubstituted phenyl group);

(Fd19) imidazolyl C1-6 alkyl group (which may be substituted on the imidazole ring by a phenyl group);

(Fd20) quinolyl C1-6 alkyl group;

(Fd21) tetrazolyl group (which may be substituted on the tetrazole ring by a phenyl group);

(Fd22) pyrimidyl group which may be substituted by a phenyl group;

(Fd23) pyridyl group;

(Fd24) benzoxazolyl group;

(Fd25) benzothiazolyl group;

(Fd26) benzoxazolyl C1-6 alkyl group (which may have on the benzoxazole ring at least one oxo group as a substituent);

(Fd27) phenoxy C2-6 alkanoyl group which may be substituted on the phenyl ring by a halogen atom;

(Fd28) phenylthio C2-6 alkanoyl group which may be substituted on the phenyl ring by a halogen atom;

(Fd29) phenyl C2-6 alkanoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group,

and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fd30) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and an amino group which may have a C1-6 alkyl group as a substituent);

(Fd31) biphenylcarbonyl group;

(Fd32) pyridylcarbonyl group;

(Fd33) phenyl C2-6 alkenylcarbonyl group wherein a halogen atom may be substituted on the phenyl ring;

(Fd34) phenyl C1-6 alkylsulfonyl group wherein a halogen atom may be substituted on the phenyl ring;

(Fd35) benzenesulfonyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom and a C1-6 alkyl group);

(Fd36) a group represented by the following general formula (Fda):



wherein R^{27} represents:

(Fda1) halogen-substituted or unsubstituted C1-8 alkyl group;

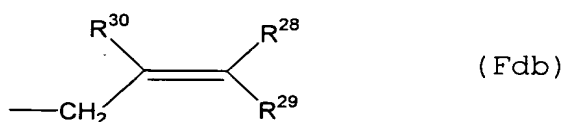
(Fda2) C3-8 cycloalkyl group;

(Fda3) C3-8 cycloalkyl-C1-6 alkyl group;

(Fda4) C1-6 alkoxy-C1-6 alkyl group;

(Fda5) amino-C1-6 alkyl group which may have a C1-6 alkyl group;

(Fda6) a group represented by the following general formula (Fdb):



wherein R^{28} , R^{29} , or R^{30} represent a hydrogen atom, a C1-6 alkyl group, or a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group), respectively;

(Fda7) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by 1 to 5 groups selected from the group consisting of: a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; a halogen-substituted or unsubstituted C1-6 alkylthio group; a phenyl C1-6 alkoxy group; a hydroxy group; a C1-6 alkylsulfinyl group; a C1-6 alkylsulfonyl group; C1-6 alkylsulfonyloxy group; a cyano group; a C1-6 alkanoyl group; a benzoyl group; a phenyl C1-6 alkyl group which may have a C1-6 alkoxy group in the alkyl portion; an amino group; a nitro

group; a carbamoyl group; a C1-6 alkanoylamino group; a C1-6 alkoxy carbonyl group; a C1-6 alkylaminocarbonyl group; a C1-6 alkoxy carbonylamino group; a tri-C1-6-alkylsiloxo group; a pyrrolyl group; a tetrahydro-pyranyloxy group; and an imidazolyl group);

(Fda8) biphenyl C1-6 alkyl group;

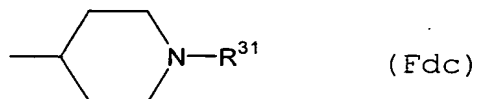
(Fda9) benzhydryl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom, a trifluoromethyl group, and a trifluoromethoxy group);

(Fda10) phenoxy C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fda11) phenyl C2-6 alkynyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group as a substituent);

(Fda12) pyridyl C1-6 alkyl group;

(Fda13) a group represented by the following general formula (Fdc):



wherein R³¹ represents a phenyl group (which may be substituted on the phenyl ring by at least one

group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

(Fda14) piperidino C1-6 alkyl group (which may be substituted on the piperidine ring by a phenoxy group which may have at least one halogen-substituted or unsubstituted alkyl group as a substituent on the phenyl ring);

(Fda15) amino C1-6 alkyl group which may have, as a substituent, at least one group selected from the group consisting of a C1-6 alkyl group and a phenyl group which may have, as a substituent, a halogen-substituted or unsubstituted C1-6 alkoxy group on the phenyl ring;

(Fda16) 1,2,3,6-tetrahydropyridyl C1-6 alkyl group (which may be substituted on the 1,2,3,6-tetrahydropyridine ring by at least one phenyl group

which may have, as a substituent, at least one halogen-substituted or unsubstituted C1-6 alkoxy group on the phenyl ring);

(Fda17) naphthyl C1-6 alkyl group;

(Fda18) fluorenyl C1-6 alkyl group;

(Fda19) pyridyl C1-6 alkyl group;

(Fda20) furyl C1-6 alkyl group (which may be substituted on the furan ring by a halogen-substituted or unsubstituted phenyl group);

(Fda21) thienyl C1-6 alkyl group;

(Fda22) oxazolyl C1-6 alkyl group (which may be substituted on the oxazole ring by a halogen atom or a halogen-substituted or unsubstituted phenyl group);

(Fda23) oxadiazolyl C1-6 alkyl group (which may be substituted on the oxadiazole ring by a halogen-substituted or unsubstituted phenyl group);

(Fda24) pyrazolyl C1-6 alkyl group (which may be substituted on the pyrazole ring by a halogen-substituted or unsubstituted phenyl group);

(Fda25) benzothienyl C1-6 alkyl group (which may be substituted on the benzothiophene ring by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fda26) thienyl C1-6 alkyl group that may be substituted on the thiophene ring by a halogen atom;

(Fda27) benzothiazolyl C1-6 alkyl group;

(Fda28) benzofuryl C1-6 alkyl group which may

be substituted on the benzofuran ring by a halogen atom;

(Fda29) indolinyl C1-6 alkyl group (which may be substituted on the indoline ring by at least one group selected from the group consisting of a C1-6 alkyl group and an oxo group);

(Fda30) benzoxazolyl C1-6 alkyl group (which may be substituted on the benzoxazole ring by at least one group selected from a group consisting of a halogen atom, a C1-6 alkyl group, and an oxo group);

(Fda31) chromenyl C1-6 alkyl group;

(Fda32) 1,2,3,4-tetrahydroquinolyl C1-6 alkyl group (which may be substituted on the quinoline ring by at least one group selected from the group consisting of a C1-6 alkyl group and an oxo group);

(Fda33) thiazolyl C1-6 alkyl group (which may be substituted on the thiazole ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted phenyl group, and a C1-6 alkyl group); or

(Fda34) tetrazolyl C1-6 alkyl group (which may be substituted on the tetrazole ring by a group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6 alkyl group);

(Fd37) a group represented by the following general formula (Fe):



wherein Z represents -C=O or -C=S, and R³² and R³³ each identically or differently represent any one of:

(Fe1) hydrogen atom;

(Fe2) C1-6 alkyl group;

(Fe3) C3-8 cycloalkyl group;

(Fe4) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fe5) phenyl C2-6 alkenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fe6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); and

(Fe7) R³² and R³³ may bind to each other together with nitrogen atoms adjacent thereto through other carbon atoms, so as to form a piperidine ring or 1,2,3,6-tetrahydropyridine ring, which may be

substituted on the piperidine or 1,2,3,6-tetrahydro-pyridine ring by a phenyl group, which may be substituted at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkyl group,

(Fd38) a group represented by the following general formula (Ff):

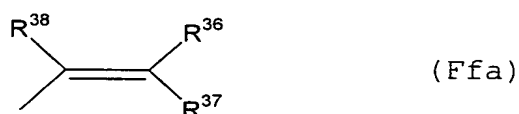


wherein R^{34} represents a hydrogen atom or C1-6 lower alkyl group, and R^{35} represents:

(Ff1) C3-8 cycloalkyl group;

(Ff2) C3-8 cycloalkenyl group;

(Ff3) a group represented by the following general formula (Ffa):



wherein each of R^{36} , R^{37} , and R^{38} represents: a hydrogen atom; C1-6 alkyl group; phenyl group (which may be substituted on the phenyl ring by at least one 1 to 5 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a C1-4 alkylenedioxy group, a C1-6 alkylsulfonyl group, a halogen-substituted or unsubstituted C1-6 alkylthio group, a nitro group, and

an amino group which may have a C1-6 alkanoyl group as a substituent); benzofuryl group (which may be substituted on the benzofuran ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); biphenyl group; furyl group (which may be substituted on the furan ring by a phenyl group which may have a halogen atom as a substituent); or thiazolyl group (which may be substituted on the thiazole ring by at least one phenyl group which may have a halogen atom as a substituent),

(Ff4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a C3-8 cycloalkyl group; a hydroxyl group; a halogen-substituted or unsubstituted C1-8 alkoxy group; a C3-8 cycloalkoxy group; a C1-4 alkylenedioxy group; a cyano group; a nitro group; a phenyl C2-6 alkenyl group; a C2-6 alkanoyloxy group; an amino group which may have a C1-6 alkanoyl group as a substituent; a C1-6 alkyl-sulfonylamino group; a phenyl C1-6 alkoxy group; a phenoxy group; an amino group which has at least one C1-6 alkyl group as a substituent; an amino group which has at least one phenyl group as a substituent; an amino C1-6 alkoxy group which may have at least one C1-6 alkyl group as a substituent; a C1-6 alkoxycarbonyl

group; a C1-6 alkoxy carbonyl C1-6 alkoxy group; a C1-6 alkylthio group; a pyrrolyl group; an imidazolyl group; a piperidyl group; a morpholino group; a pyrrolidinyl group; a thienyl group; a benzofuryl group; a piperazinyl group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of a C1-6 alkyl group, a phenyl C1-6 alkyl group, and a benzoyl group which may have at least one C1-6 alkyl group as a substituent); a quinolyl group which may be substituted on the quinoline ring by at least one group selected from the group consisting of a C1-6 alkoxy group and an oxo group; a piperidyl carbonyl group which may be substituted on the piperidine ring by a carbostyryl group; and a triazolyl group);

(Ff5) naphthyl group which may be substituted on the naphthalene ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkoxy group, and an amino group which may have a C1-6 alkyl group as a substituent;

(Ff6) biphenyl group (which may be substituted on the biphenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-9 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ff7) fluorenyl group; pyrenyl group;

(Ff8) benzofuryl group (which may be substituted on the benzofuran ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ff9) benzothienyl group (which may be substituted on the benzothiophene ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ff10) pyridyl group (which may be substituted on the pyridine ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group), a furyl group, and a thienyl group);

(Ff11) furyl group (which may be substituted on the furan ring by 1 to 3 groups selected from the group consisting of a C1-6 alkyl group, a nitro group, and a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-

substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a nitro group));

(Ff12) benzothiazole group (which may have, on the benzothiazole ring, at least one phenyl group that may have, as a substituent, a C1-6 alkoxy group on the phenyl ring);

(Ff13) thienyl group (which may have, on the thiophene ring, at least one group selected from the group consisting of a halogen atom, a nitro group, a C1-6 alkyl group, a pyrazolyl group which may be substituted on the pyrazole ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group as a substituent, and a thienyl group which may have a halogen atom on the thiophene ring);

(Ff14) indolyl group (which may be substituted on the indole ring by at least one group selected from the group consisting of a phenylsulfonyl group which may have a C1-6 alkyl group as a substituent, a phenyl C1-6 alkyl group, a C1-6 alkoxycarbonyl group, and a phenyl group);

(Ff15) pyrrolyl group (which may be substituted on the pyrrole ring by at least one group selected from the group consisting of a phenyl group which may be substituted by at least one halogen-substituted or unsubstituted C1-6 alkyl group, and a C1-6 alkyl group);

(Ff16) coumaryl group;

(Ff17) benzimidazolyl group (which may be substituted on the benzimidazole ring by at least one thienyl group as a substituent);

(Ff18) oxazolyl group (which may be substituted on the oxazole ring by at least one phenyl group that may have a halogen atom as a substituent);

(Ff19) thiazolyl group (which may be substituted on the thiazole ring by at least one phenyl group, wherein at least one group selected from the group consisting of a halogen atom, a nitro group, and a phenyl group);

(Ff20) quinolyl group;

(Ff21) 3,4-dihydrocarbostyryl group (which may be substituted on the 3,4-dihydrocarbostyryl ring by at least one group selected from the group consisting of a C1-6 alkoxy group, a C1-6 alkyl group, and a phenyl C1-6 alkoxy group), or carbostyryl group (which may be substituted on the carbostyryl ring by at least one group selected from the group consisting of a C1-6 alkoxy group, a C1-6 alkyl group, and a phenyl C1-6 alkoxy group);

(Ff22) imidazo[2,1-b]thiazolyl group;

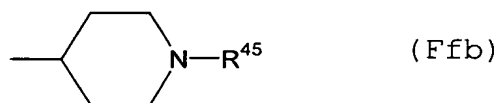
(Ff23) imidazo[2,1-a]pyridyl group;

(Ff24) chromanyl group (which may be substituted on the chroman ring by at least one C1-6 alkyl group); or

(Ff25) 2,3-dihydrobenzofuryl group, or

(Fd39) a group represented by the following

general formula (Ffb):



wherein R⁴⁵ represents: a C1-6 alkoxy carbonyl group; phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); amino substituted C1-6 alkyl group which may have, on the amino group, a group selected from a group consisting of a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) and a C1-6 alkyl group as a substituent; benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); phenyl C1-6

alkoxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or phenyl C2-6 alkenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

(F12-3) morpholino group;

(F12-4) imidazolyl group;

(F12-5) 1,4-dioxazaspiro[4,5]decyl group (which may be substituted on the 1,4-dioxazaspiro[4,5]decane ring by at least one oxo group as a substituent);

(F12-6) homopiperazinyll group (which may be substituted on the homopiperazine ring by at least one group selected from the group consisting of a C1-6 alkoxycarbonyl group, a phenyl C1-6 alkoxycarbonyl group, and a phenyl-substituted or unsubstituted phenyl group as a substituent);

(F12-7) piperazinyll group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of an oxo group, a C1-6 alkyl group, and a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by

at least one halogen-substituted or unsubstituted C1-6 alkyl group));

(F12-8) piperidyl group (which may be substituted on the piperidine ring by at least one oxo group as a substituent);

(F12-9) pyrrolidinyl group (which may be substituted on the pyrrolidine ring by at least one phenoxy C1-6 alkyl group that may have a halogen-substituted or unsubstituted C1-6 alkoxy group as a substituent); and

(F12-10) isoindolinyl group,

F13) moreover, R^{19} and R^{20} may bind to each other together with nitrogen atoms adjacent thereto directly or through hetero atoms, so as to form a cyclic imide or amide shown in any one of (F13-1) to (F13-11) indicated below:

(F13-1) succinimide group;

(F13-2) oxazolidinyl group (which may be substituted on the oxazolidine ring by at least one oxo group as a substituent);

(F13-3) benzo-1,3-oxazolidinyl group (which may be substituted on the benzo-1,3-oxazolidine ring by at least one group selected from the group consisting of an oxo group, a halogen atom, and a phenyl group as a substituent);

(F13-4) imidazolidinyl group (which may be substituted on the imidazolidine ring by at least one group selected from the group consisting of an oxo

group, a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom and a C1-6 alkoxy group), and a phenyl group);

(F13-5) benzimidazolidinyl group (which may be substituted on the benzimidazolidine ring by at least one group selected from the group consisting of: an oxo group; a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; an amino group which may have a C1-6 alkyl group as a substituent; a C1-6 alkoxycarbonyl group; and a piperidyl group (which may be substituted on the piperidine ring by at least one group selected from the group consisting of a C1-6 alkyl group, a phenyl group wherein 1 to 3 halogen atoms may be substituted on the phenyl ring, a C1-6 alkoxycarbonyl group, and a phenyl C1-6 alkoxycarbonyl group as a substituent));

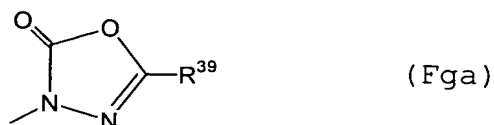
(F13-6) phthalimide group;

(F13-7) indolinyl group (which may have on the indoline ring at least one group selected from the group consisting of a C1-6 alkyl group, a halogen atom, and an oxo group as a substituent);

(F13-8) 2,3-dihydrobenzothiazolyl group (which may have at least one oxo group on the 2,3-dihydrobenzothiazole ring);

(F13-9) 1H-2,4-benzoxazinyl group (which may be substituted on the 1H-2,4-benzoxazine ring by at least one oxo group as a substituent);

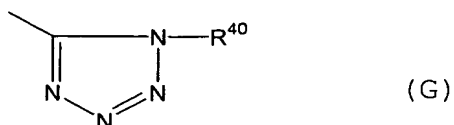
(F13-10) a group represented by the following general formula (Fga):



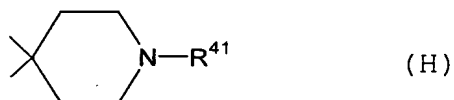
wherein R^{39} represents: a hydrogen atom; a phenyl C1-6 alkyl group which may have, as a substituent, a halogen atom on the phenyl ring; phenoxy C1-6 alkyl group which may have, as a substituent, a halogen atom on the phenyl ring; phenyl C2-6 alkenyl group which may have, as a substituent, a halogen atom on the phenyl ring; phenyl group which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a phenyl group as a substituent; pyridyl group; or pyrazinyl group, and

(F13-11) 1,3-thiazolidinyl group (which may be substituted on the 1,3-thiazolidine ring by at least one group selected from a group consisting of an oxo group and a phenyl C1-6 alkylidene group which may have a halogen-substituted or unsubstituted C1-6 alkyl group on the phenyl ring as a substituent),

a group represented by the following general formula (G):



wherein R^{40} represents a C1-6 alkyl group, or halogen-substituted or unsubstituted phenyl group, a spiro ring group represented by the following general formula (H):



wherein R^{41} represents:

- H1) hydrogen atom;
- H2) C1-6 alkyl group;
- H3) phenyl C1-6 alkyl group that may have a phenyl group as a substituent on the phenyl ring;
- H4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; an amino group (which may be substituted on the amino group by at least one group selected from the group consisting of a C1-6 alkyl group and a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group))); an phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a

halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); and piperidyl group (which may be substituted on the piperidine ring by at least one group selected from the group consisting of phenoxy groups (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group) as a substituent));

H5) piperazinyl C1-6 alkyl group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of a C1-6 alkoxy-carbonyl group and a phenyl C1-6 alkoxy-carbonyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a phenyl group);

H6) piperazinyl-carbonyl C1-6 alkyl group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of: a C1-6 alkoxy-carbonyl group; a phenyl C1-6 alkoxy-carbonyl group which may have, as a substituent, a halogen-substituted or unsubstituted C1-6 alkyl group on the phenyl ring; and a phenyl C1-6 alkyl group which may have, as a substituent, at least one group selected

from the group consisting of a halogen-substituted or unsubstituted C1-6 alkyl group and a phenyl group on the phenyl ring);

H7) phenylcarbamoyl C1-6 alkyl group which may have at least one halogen-substituted or unsubstituted C1-6 alkyl group as a substituent on the phenyl ring;

H8) benzoxazolyl C1-6 alkyl group (which may have at least one oxo group as a substituent on the benzoxazole ring);

H9) benzothiazolyl group;

H10) tetrazolyl group (which may have at least one phenyl group as a substituent on the tetrazole ring);

H11) C1-6 alkylsulfonyl group;

H12) phenylsulfonyl group which may have at least one C1-6 alkyl group as a substituent on the phenyl ring;

H13) phenylthiocarbamoyl group which may be substituted on the phenyl ring by at least one halogen atom as a substituent;

H14) C1-8 alkoxy carbonyl group;

H15) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a C1-6 alkoxy carbonyl group, an amino group which may have a C1-6 alkoxy carbonyl group as a substituent, a halogen-substituted or unsubstituted C1-6 alkyl

group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a nitro group, and a C1-6 alkylthio group);

H16) benzhydryloxycarbonyl group (which may be substituted on the phenyl ring by at least one halogen atom);

H17) C1-6 alkoxy carbonyl group which may have a phenyl-substituted or unsubstituted phenyl group;

H18) naphthyl C1-6 alkoxy carbonyl group;

H19) pyridyl C1-6 alkoxy carbonyl group;

H20) C1-6 alkoxy-substituted C1-6 alkoxy-carbonyl group;

H21) piperazinyl C1-6 alkoxy carbonyl group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of a C1-6 alkoxy carbonyl group and a phenyl C1-6 alkyl group (which may have at least one halogen atom as a substituent on the phenyl ring) as a substituent);

H22) phenoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a C1-6 alkyl group and a C1-6 alkoxy group);

H23) C1-6 alkanoyl group;

H24) benzoyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group);

H25) phenyl C1-6 alkanoyl group (which may be substituted on the phenyl ring by at least one halogen-

substituted or unsubstituted C1-6 alkyl group);

H26) phenoxy C1-6 alkanoyl group (wherein 1 to 3 halogen atoms may be substituted on the phenyl ring);

H27) piperazinyl C2-6 alkanoyl group (which may be substituted on the piperazine ring by at least one group selected from a group consisting of: a C1-6 alkanoyl group; a phenyl C1-6 alkyl group which may have, as a substituent, at least one group selected from the group consisting of a phenyl group, a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group, on the phenyl ring; a phenyl C1-6 alkoxy carbonyl group which may have, as a substituent, at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group, on the phenyl ring; a phenyl carbamoyl C1-6 alkyl group which may have, as a substituent, at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group, on the phenyl ring; a phenyl carbamoyl group which may have, as a substituent, at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group,

on the phenyl ring; and a benzoxazolyl group);

H28) phenylcarbamoyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom, an amino group which may have a C1-6 alkyl group as a substituent, a carboxyl group, a C1-6 alkoxy carbonyl group, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a piperazinyl group which may have a C1-6 alkyl group as a substituent on the piperazine ring, and a morpholino group);

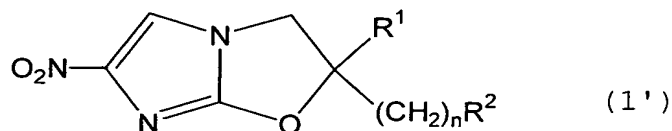
H29) phenyl C1-6 alkylcarbamoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted C1-6 alkyl group and a halogen-substituted or unsubstituted C1-6 alkoxy group); or

H30) piperazinylcarbonyl group (which may be substituted on the piperazine ring by at least one group selected from the group consisting of a C1-6 alkoxy carbonyl group, a phenyl C1-6 alkoxy carbonyl group which may have at least one halogen-substituted or unsubstituted C1-6 alkyl group on the phenyl ring, and a phenyl C1-6 alkyl group which may have a halogen-substituted or unsubstituted C1-6 alkyl group on the phenyl ring),

provided that, in the above general formula (1), when R^1 represents a hydrogen atom and R^2

represents a group represented by the above general formula (A), then R^3 cannot be an isopropyl group; when R^1 represents a hydrogen atom, R^2 represents a group represented by the above general formula (E), and m is 0, then R^{11} cannot be a hydrogen atom; and further, when R^1 represents a hydrogen atom and R^2 represents a group represented by the above general formula (F), then it is not possible that R^{19} represents a hydrogen atom and R^{20} represents a tert-butoxycarbonyl group.

2. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound represented by the following general formula (1'), optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1:



wherein R^1 represents a hydrogen atom or C1-6 alkyl group, n represents an integer of 0 to 6, and R^2 represents a group represented by general formula (A'), (B'), (C'), (D'), (E'), (F') or (G') indicated below, and further, R^1 and $-(CH_2)_nR^2$ may bind to each other together with carbon atoms adjacent thereto through nitrogen atoms, so as to form a spiro ring represented by general formula (H') indicated below:

a group represented by the following general formula (A'):



wherein R^3 represents:

A1) hydrogen atom;

A2) C1-6 alkyl group;

A3) C1-6 alkoxy-C1-6 alkyl group

A4) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a benzyloxy group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

A5) biphenyl C1-6 alkyl group;

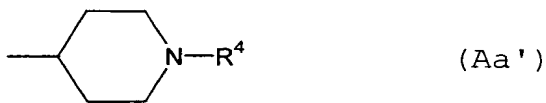
A6) cinnamyl group;

A7) methanesulfonyl group;

A8) benzenesulfonyl group that may be substituted by a methyl group;

A9) C1-6 alkanoyl group;

A10) a group represented by the following general formula (Aa'):



wherein R^4 represents a C1-6 alkoxy-carbonyl group, phenyl C1-6 alkoxy-carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a benzyloxy group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group), or phenyl C1-6 alkyl group (which

may be substituted on the phenyl ring by at least one group selected from the group consisting of a benzyloxy group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

A11) biphenylyl C1-6 alkoxycarbonyl group;

A12) 2-(2-oxo-3-benzoxazolyl)ethyl group;

A13) 2-benzoxazolyl group; or

A14) 2-phenyl-5-methyl-4-oxazolylmethyl group,

a group represented by the following general formula (B'):



wherein R^5 represents a 5-(1H)-tetrazolyl group (wherein position 1 may be substituted by a C1-6 alkyl group, or halogen-substituted or unsubstituted phenyl group), or 2-benzoxazolyl group,

a group represented by the following general formula (C'):



wherein R^6 represents a C1-6 alkyl group, a carbamoyloxy group represented by the following general formula (D'):



wherein R^7 and R^8 each identically or differently represent any one of:

D1) hydrogen atom;

D2) C1-8 alkyl group;

D3) halogen-substituted C1-6 alkyl group;

D4) C1-6 alkoxy carbonyl-C1-6 alkyl group;

D5) C5-8 cycloalkyl group;

D6) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

D7) phenyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a C1-6 alkanoyl group, a carboxyl group, a C1-6 alkoxy carbonyl group, a benzyloxy carbonyl group, a carbamoyl group, a C1-6 alkyl carbamoyl group, an aminosulfonyl group, and a morpholino group);

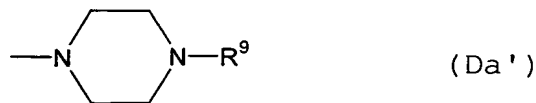
D8) 1-naphthyl group;

D9) 4-pyridyl group; and

D10) R^7 and R^8 may bind to each other together with nitrogen atoms adjacent thereto directly or through other hetero atoms or carbon atoms, so as to form a saturated heterocyclic group shown in any one of (D10-1) to (D10-3) indicated below, or benzene condensed heterocyclic group shown in any one of (D10-4) to (D10-7) indicated below:

(D10-1) a piperazinyl group represented by

the following general formula (Da'):



wherein R⁹ represents:

(Da1) hydrogen atom;

(Da2) C1-6 alkyl group;

(Da3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Da4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group);

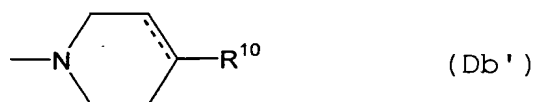
(Da5) C1-6 alkoxycarbonyl group;

(Da6) phenyl C1-6 alkoxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Da7) 4-trifluoromethylcinnamyloxycarbonyl group; or

(Da8) 4-trifluoromethylbenzylideneamino group,

(D10-2) a group represented by the following general formula (Db'):



wherein the dotted line represents that the bond may be a double bond, and R¹⁰ represents:

(Db1) hydrogen atom;

(Db2) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Db3) phenoxy group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group); or

(Db4) phenylamino group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group), and

(D10-3) a morpholino group;

(D10-4) halogen-substituted or unsubstituted 1-indolinyl group;

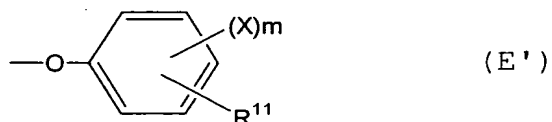
(D10-5) halogen-substituted or unsubstituted 2-isoindolinyl group;

(D10-6) halogen-substituted or unsubstituted

1,2,3,4-tetrahydro-1-quinolinyl group; and

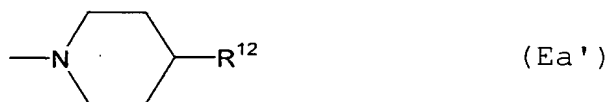
(D10-7) halogen-substituted or unsubstituted
1,2,3,4-tetrahydro-2-isoquinolinyl group,

a phenoxy group represented by the following
general formula (E'):



wherein X represents a halogen atom, m
represents an integer of 0 to 3, and R¹¹ represents:

- E1) hydrogen atom;
- E2) halogen-substituted or unsubstituted C1-6
alkyl group;
- E3) halogen-substituted or unsubstituted C1-6
alkoxy group;
- E4) morpholino group;
- E5) thiomorpholino group;
- E6) S-oxide thiomorpholino group;
- E7) 1-imidazolyl group;
- E8) 1-triazolyl group;
- E9) piperidinyl group represented by the
following general formula (Ea'):

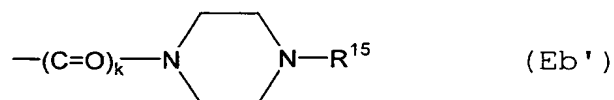


wherein R¹² represents:

- (Ea1) hydrogen atom;
- (Ea2) C1-6 alkoxycarbonyl group; or

(Ea3) phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

E10) a group represented by the following formula (Eb'):



wherein k represents an integer of 0 or 1, and R¹⁵ represents:

(Eb1) hydrogen atom;

(Eb2) C1-6 alkyl group;

(Eb3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb5) C1-6 alkanoyl group;

(Eb6) phenyl C2-6 alkanoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb7) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb8) C1-8 alkoxy carbonyl group (which may be substituted on the alkoxy group by at least one group selected from the group consisting of a halogen atom, a di(C1-6 alkyl)amino group, and a C1-6 alkoxy group);

(Eb9) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb10) phenyl C3-6 alkenyloxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb11) phenoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb12) phenyl C1-6 alkylcarbamoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Eb13) phenylcarbamoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or

(Eb14) 2-benzofuranylmethyloxycarbonyl group which may be substituted by a halogen atom on the benzene ring,

E11) a group represented by the following general formula (Ec'):



wherein the dotted line represents that the bond may be a double bond, and R¹⁶ represents:

(Ec1) hydrogen atom;

(Ec2) C1-6 alkyl group;

(Ec3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ec4) C1-8 alkoxy carbonyl group; or

(Ec5) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

a group represented by the following general formula (F'):



wherein R^{19} and R^{20} each identically or differently represent any one of:

F1) hydrogen atom;

F2) C1-6 alkyl group;

F3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a dimethylamino group);

F4) phenoxy C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

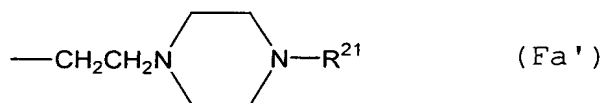
F5) N-methylamino C1-6 alkyl group (wherein, the position N may be substituted by a C1-6 alkoxycarbonyl group, or phenyl group that may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkyl group);

F6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom and a C1-6 alkoxy-carbonyl group);

F7) C1-6 alkoxycarbonyl group;

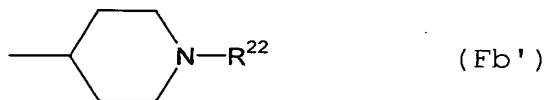
F8) phenyl C1-6 alkoxycarbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

F9) 4-substituted-1-piperazinyethyl group represented by the following general formula (Fa'):



wherein R^{21} represents a C1-6 alkoxy carbonyl group; phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkyl group); or phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

F10) 1-substituted-4-piperidinyl group represented by the following formula (Fb'):



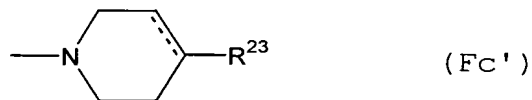
wherein R^{22} represents a C1-6 alkoxy carbonyl group; phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy

group); or phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

F11) 2-[4-(4-trifluoromethylphenoxy)-1-piperidinyl]ethyl group;

F12) in addition, R^{19} and R^{20} may bind to each other together with nitrogen atoms adjacent thereto directly or through other hetero atoms or carbon atoms, so as to form a heterocyclic ring shown in any one of (F12-1) to (F12-10) indicated below:

(F12-1) a group represented by the following formula (Fc'):



wherein the dotted line represents that the bond may be a double bond, and R^{23} represents:

(Fc1) C1-6 alkyl group;

(Fc2) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc3) phenyl group (which may be substituted

on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc4) phenyl C1-6 alkoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc5) 4-biphenyl C1-6 alkoxy group;

(Fc6) phenyl C3-6 alkenyloxy group which may be substituted on the phenyl ring by a halogen atom;

(Fc7) phenoxy group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc8) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc9) C1-6 alkoxycarbonyl group;

(Fc10) phenyl C1-6 alkoxycarbonyl group

(which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc11) phenyl C1-6 alkylcarbamoyl group wherein a halogen atom may be substituted on the phenyl ring;

(Fc12) phenylcarbamoyl group wherein a halogen atom may be substituted on the phenyl ring;

(Fc13) phenylthio group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc14) phenyl sulfoxide group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fc15) pyridylmethoxy group; or

(Fc16) a group represented by the following general formula (Fca'):



wherein each of R^{24} and R^{25} represents:

(Fca1) hydrogen atom;

(Fca2) C1-6 alkyl group;

(Fca3) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca4) phenyl group (which may be substituted

on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca5) C1-6 alkanoyl group;

(Fca6) phenylacetyl group which may be substituted on the phenyl ring by a halogen atom;

(Fca7) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca8) C1-6 alkoxy carbonyl group;

(Fca9) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fca10) phenyl carbamoyl group (which may be substituted by at least one halogen-substituted or unsubstituted C1-6 alkoxy group on the phenyl ring);

(Fca11) 1-(4-trifluoromethylphenyl)-4-piperidinyloxycarbonyl group; or

(Fca12) R^{24} and R^{25} may form a piperidine ring through nitrogen adjacent thereto,

(F12-2) 4-substituted-1-piperaziny1 group
represented by the following general formula (Fd'):



wherein R^{26} represents:

(Fd1) hydrogen atom;

(Fd2) C1-6 alkyl group;

(Fd3) C5-8 cycloalkyl group;

(Fd4) C5-8 cycloalkyl-C1-6 alkyl group;

(Fd5) C1-6 alkoxy carbonyl-C1-6 alkyl group;

(Fd6) cinnamyl group;

(Fd7) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom; a cyano group; a halogen-substituted or unsubstituted C1-6 alkyl group; a cyclohexyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; a dimethylamino group; a C1-6 alkoxy carbonyl group; a phenoxy group; a phenyl C1-6 alkyl group; a styryl group; a 3-pyridyl group; a 1-imidazolyl group; and a 1-piperidino group);

(Fd8) biphenylmethyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a dimethylamino group);

(Fd9) 1- or 2-naphthylmethyl group;

(Fd10) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a halogen atom; a cyano group; a dimethylamino group; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; a C1-6 alkoxy-carbonyl group, and a carboxyl group);

(Fd11) biphenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of halogen-substituted or unsubstituted C1-6 alkyl groups);

(Fd12) amino group, amino group substituted by a C1-6 alkoxy-carbonyl group, benzylamino group, trifluoromethylbenzylamino group, or phenylamino group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted C1-6 alkyl group and a halogen atom);

(Fd13) 4-chlorobenzoylmethyl group;

(Fd14) phenylcarbamoylmethyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group);

(Fd15) 4- or 5-thiazolylmethyl group (which may be substituted on the thiazole ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6 alkyl group);

(Fd16) 4-oxazolylmethyl group (which may be substituted on the oxazole ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6 alkyl group);

(Fd17) 2-indolylmethyl group;

(Fd18) 2-furylmethyl group (which may be substituted on the furan ring by at least one halogen-substituted or unsubstituted phenyl group);

(Fd19) 4- or 5-imidazolylmethyl group (which may be substituted on the imidazole ring by a phenyl group);

(Fd20) 2-quinolylmethyl group;

(Fd21) 5-(1H)-tetrazolyl group (wherein the position-1 of the tetrazole ring may be substituted by a phenyl group);

(Fd22) 2- or 4-pyrimidyl group that may be substituted by a phenyl group;

(Fd23) 2-, 3-, or 4-pyridyl group;

(Fd24) 2-benzoxazolyl group;

(Fd25) 2-benzothiazolyl group;

(Fd26) 2-oxo-3-benzoxazolyl-C1-6 alkyl group;

(Fd27) phenoxy C2-6 alkanoyl group which may be substituted on the phenyl ring by a halogen atom;

(Fd28) phenylthio C2-6 alkanoyl group that may be substituted on the phenyl ring by a halogen atom;

(Fd29) phenyl C2-6 alkanoyl group (which may

be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fd30) benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a C1-6 alkylamino group);

(Fd31) 4-biphenylcarbonyl group;

(Fd32) 2-, 3-, or 4-pyridylcarbonyl group;

(Fd33) cinnamoyl group wherein a halogen atom may be substituted on the phenyl ring;

(Fd34) phenyl C1-6 alkylsulfonyl group which may be substituted by a halogen atom on the phenyl ring;

(Fd35) benzenesulfonyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a chlorine atom and a methyl group);

(Fd36) a group represented by the following general formula (Fda'):



wherein R^{27} represents:

(Fda1) halogen-substituted or unsubstituted C1-8 alkyl group;

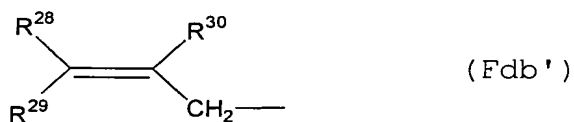
(Fda2) C5-8 cycloalkyl group;

(Fda3) C5-8 cycloalkyl-C1-6 alkyl group;

(Fda4) C1-6 alkoxy-C1-6 alkyl group;

(Fda5) C1-6 alkylamino-C1-6 alkyl group;

(Fda6) a group represented by the following general formula (Fdb'):



wherein R^{28} , R^{29} and R^{30} represent a hydrogen atom, a C1-6 alkyl group, or a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group), respectively;

(Fda7) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by 1 to 5 groups selected from the group consisting of a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a halogen-substituted or unsubstituted C1-6 alkoxy group; a halogen-substituted or unsubstituted C1-6 alkylthio group; a phenyl C1-6 alkoxy group; a hydroxy group; a methylsulfinyl group; a methanesulfonyl group; methanesulfonyloxy group; a cyano group; an acetyl group; a benzoyl group; an α, α -dimethoxybenzyl group, an amino group, a nitro group; a carbamoyl group; an acetylamino group; a C1-6 alkoxycarbonyl group; a C1-6

alkylaminocarbonyl group; a C1-6 alkoxy-carbonylamino group; a tri-C1-6-alkylsiloxy group; a pyrrolyl group; a tetrahydropyranyloxy group; and an 1-imidazolyl group);

(Fda8) biphenyl C1-6 alkyl group;

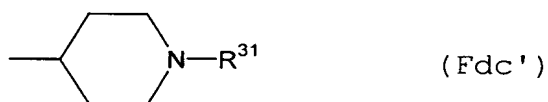
(Fda9) benzhydryl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom, a trifluoromethyl group, and a trifluoromethoxy group);

(Fda10) phenoxy C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from a group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fda11) 3-(4-trifluoromethyl)phenyl-2-propynyl group;

(Fda12) 2-, 3-, or 4-pyridylmethyl group;

(Fda13) a group represented by the following general formula (Fdc'):



wherein R³¹ represents a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a cyano group, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or

unsubstituted C1-6 alkoxy group); phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); or benzoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group),

(Fda14) 1-piperidinoethyl group (wherein the position-4 of the piperidine ring may be substituted by a 4-trifluoromethylphenoxy group);

(Fda15) N-methyl-N-(4-trifluoromethoxy)-phenylaminoethyl group;

(Fda16) 4-(4-trifluoromethoxyphenyl)-1,2,3,6-tetrahydro-1-pyridinyethyl group;

(Fda17) 1- or 2-naphthylmethyl group;

(Fda18) 1-, 2-, 3-, 4-, or 9-fluorenylmethyl group;

(Fda19) 2-, 3-, or 4-pyridylmethyl group;

(Fda20) 2-furylmethyl group (wherein the position-4 of the furan ring may be substituted by a halogen-substituted or unsubstituted phenyl group);

(Fda21) 3-thienylmethyl group;

(Fda22) 4-oxazolylmethyl group (wherein the position-2 of the oxazoline ring may be substituted by

a halogen atom or chlorophenyl group);

(Fda23) 4-thiazolylmethyl group which may be substituted by a halogen atom;

(Fda24) 5-oxadiazolylmethyl group wherein the position-2 of the oxadiazoline ring may be substituted by a halogen-substituted or unsubstituted phenyl group;

(Fda25) 3-pyrazolylmethyl group wherein the position-1 of the pyrazoline ring may be substituted by a halogen-substituted or unsubstituted phenyl group;

(Fda26) 2- or 3-benzothiophenylmethyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fda27) benzoxazol-2-ylmethyl group which may be substituted by a halogen atom on the benzene ring;

(Fda28) 2-thienylmethyl group which may be substituted by a halogen atom;

(Fda29) 2-benzothiazolylmethyl group;

(Fda30) 2-(5-chloro)benzofuranylmethyl group;

(Fda31) 3,3-dimethyl-2-oxo-5-indolinylmethyl group (wherein the position-1 of the indoline ring may be substituted by a C1-6 alkyl group);

(Fda32) 2-oxo-6-benzoxazolylmethyl group (wherein the position-1 of the benzoxazoline ring may be substituted by a C1-6 alkyl group);

(Fda33) 7-chromenylmethyl group;

(Fda34) 2-oxo-1,2,3,4-tetrahydro-6-quinolyl-

methyl group (wherein the position-1 of the quinoline ring may be substituted by a C1-6 alkyl group);

(Fda35) 5-thiazolylmethyl group (which may be substituted on the thiazole ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6 alkyl group); or

(Fda36) 5-(1H)-tetrazolyl C1-6 alkyl group (wherein the position-1 of the tetrazole ring may be substituted by a group selected from the group consisting of a halogen-substituted or unsubstituted phenyl group and a C1-6 alkyl group),

(Fd37) a group represented by the following general formula (Fe'):



wherein Z represents -C=O or -C=S, and R³² and R³³ each identically or differently represent any one of:

(Fe1) hydrogen atom;

(Fe2) C1-6 alkyl group;

(Fe3) C5-8 cycloalkyl group;

(Fe4) phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fe5) phenyl C2-6 alkenyl group (which may be

substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Fe6) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); and

(Fe7) R^{32} and R^{33} may bind to each other together with nitrogen atoms adjacent thereto through other carbon atoms, so as to form a piperidine ring or 1,2,3,6-tetrahydropyridine ring, wherein the position-4 of the piperidine ring or 1,2,3,6-tetrahydropyridine ring may be substituted by a phenyl group, and the phenyl group may be substituted by at least one group selected from the group consisting of a halogen atom and a halogen-substituted or unsubstituted C1-6 alkyl group, or

(Fd38) a group represented by the following general formula (Ff'):

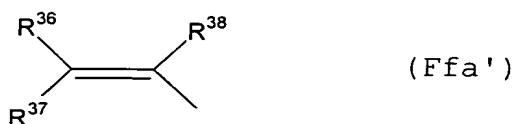


wherein R^{34} represents a hydrogen atom or C1-6 lower alkyl group, and R^{35} represents:

(Ff1) C5-8 cycloalkyl group;

(Ff2) C5-8 cycloalkenyl group;

(Ff3) a group represented by the following general formula (Ffa'):



wherein each of R³⁶, R³⁷ and R³⁸ represents: a hydrogen atom; C1-6 alkyl group; phenyl group (which may be substituted on the phenyl ring by at least one 1 to 5 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a methylenedioxy group, a methanesulfonyl group, a halogen-substituted or unsubstituted C1-6 alkylthio group, a nitro group, and an acetyl amino group); 2-benzofuranyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group); 4-biphenyl group; 2-furyl group which may be substituted by a 4-chlorophenyl group; or 2-(4-chlorophenyl)-4-thiazolyl group,

(Ff4) phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of: a halogen atom; a halogen-substituted or unsubstituted C1-6 alkyl group; a C5-8

cycloalkyl group; a hydroxy group; a halogen-substituted or unsubstituted C1-8 alkoxy group; a C5-8 cycloalkoxy group; a methylenedioxy group; an ethylenedioxy group; a cyano group; a nitro group; a cinnamyl group; a C1-6 alkanoyloxy group; a C1-6 alkanoylamino group; a methanesulfonylamino group; a phenyl C1-6 alkoxy group; a phenoxy group; a di(C1-6 alkyl)amino group; a diphenylamino group; a di(C1-6 alkyl)amino C1-6 alkoxy group; a methoxycarbonyl group; a C1-6 alkoxycarbonyl C1-6 alkoxy group; a C1-6 alkylthio group; a pyrrolyl group; a 1-imidazolyl group; a piperidino group; a morpholino group; pyrrolidinyl group; a 2-thienyl group; a 2-benzofuranyl group; a 4-piperazinyl group wherein the position-1 may be substituted by a group selected from the group consisting of a C1-6 alkyl group, a phenyl C1-6 alkyl group, a benzoyl group, and a C1-6 alkyl group substituted benzoyl group; a 2-oxo-3-quinolyl group which may be substituted on the benzene ring by a C1-6 alkoxy group; a 4-(carbostyryl-1-yl)piperidinyl-1-carbonyl group; and a triazolyl group);

(Ff5) 1- or 2-naphthyl group substituted by a halogen atom, halogen-substituted or unsubstituted C1-6 alkoxy group, or dimethylamino group;

(Ff6) 3- or 4-biphenyl group (which may be substituted on the biphenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-9 alkyl group,

and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ff7) 2-fluorenyl group; 3-pyrenyl group;

(Ff8) 2-benzofuranyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

(Ff9) 2- or 3-benzothiophenyl group (which may be substituted on the benzene ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group; or the position-3 or -2 of the thiophene ring may be substituted by a C1-6 alkyl group);

(Ff10) 2-, 3-, or 4-pyridyl group (which may be substituted on the pyridyl group by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a phenyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group), a 2-furyl group, a 3-furyl group, a 2-thienyl group, and a 3-thienyl group);

(Ff11) 2- or 3-furyl group (which may be

substituted on the furan ring by 1 to 3 groups selected from the group consisting of a C1-6 alkyl group, a nitro group, and a phenyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, and a nitro group));

(Ff12) 2-(2-methoxyphenyl)benzothiazol-5-yl group;

(Ff13) 2-thienyl group; 3-thienyl group; 4-bromo-2-thienyl group; 5-chloro-2-thienyl group; 5-ethyl-2-thienyl group; 3-methyl-2-thienyl group; 5-nitro-2-thienyl group; 5-(1-methyl-3-trifluoromethyl-5-pyrazolyl)-2-thienyl group; 5-(1-methyl-5-trifluoromethyl-3-pyrazolyl)-2-thienyl group; 2,2'-bithien-5-yl group; 5'-bromo-2,2'-bithien-5-yl group;

(Ff14) 1-(4-methylbenzenesulfonyl)indol-3-yl group; 1-benzylindol-3-yl group; 6-methoxycarbonylindol-3-yl group; 2-phenylindol-3-yl group;

(Ff15) 1-(3-trifluoromethyl)phenyl-2,5-dimethyl-3-pyrrolyl group;

(Ff16) 6-coumaryl group;

(Ff17) 2-(2-thienyl)-5-benzimidazolyl group; 6-benzimidazolyl group;

(Ff18) 2-(4-chlorophenyl)-4-oxazolyl group;

(Ff19) 2-phenyl-4-thiazolyl group; 2-(4-chlorophenyl)-4-thiazolyl group; 2-(4-nitrophenyl)-4-

thiazolyl group; 2-(4-biphenyl)-4-thiazolyl group;

(Ff20) 2-thiazolyl group;

(Ff21) 2- or 4-quinolinyl group;

(Ff22) 8-methoxy-3,4-dihydrocarbostyryl-5-yl group; 8-methoxy-1-methyl-3,4-dihydrocarbostyryl-5-yl group; 8-benzyloxy-3,4-dihydrocarbostyryl-5-yl group; 8-methoxycarbostyryl-5-yl group; 8-methoxy-1-methylcarbostyryl-5-yl group; 8-benzyloxycarbostyryl-5-yl group; 8-methoxy-3,4-dihydrocarbostyryl-6-yl group; 8-methoxy-1-methyl-3,4-dihydrocarbostyryl-6-yl group; 8-benzyloxy-3,4-dihydrocarbostyryl-6-yl group; 8-methoxycarbostyryl-6-yl group; 8-methoxy-1-methylcarbostyryl-6-yl group; 8-benzyloxycarbostyryl-6-yl group;

(Ff23) 6-imidazo[2,1-b]thiazolyl group;

(Ff24) 2-imidazo[2,1-a]pyridyl group;

(Ff25) 2,2-dimethyl-6-chromanyl group; or

(Ff26) 2,3-dihydro-5-benzofuranyl group,

(F12-3) morpholino group;

(F12-4) 1-imidazolyl group;

(F12-5) 1,4-dioxo-8-azaspiro[4,5]-8-decyl group;

(F12-6) 4-tert-butoxycarbonyl-1-homopiperazinyl group; 4-benzyloxycarbonyl-1-homopiperazinyl group; 4-(4-biphenyl)-1-homopiperazinyl group,

(F12-7) 1-tert-butyl-2-piperazinon-4-yl group; 1-(4-trifluoromethylbenzyl)-2-piperazinon-4-yl

group,

(F12-8) 4-oxo-1-piperidinyl group;

(F12-9) 2-(4-trifluoromethoxyphenoxyethyl)-pyrrolidin-1-yl group; and

(F12-10) 2-isoindolinyl group, and

F13) moreover, R^{19} and R^{20} may bind to each other together with nitrogen atoms adjacent thereto directly or through hetero atoms, so as to form a cyclic imide or amide shown in any one of (F13-1) to (F13-11) indicated below:

(F13-1) 2-succinimide group;

(F13-2) 2-oxooxazolin-3-yl group;

(F13-3) 2-oxobenzo-1,3-oxazolidin-3-yl group; 5-bromo-2-oxobenzo-1,3-oxazolidin-3-yl group; 5-chloro-2-oxobenzo-1,3-oxazolidin-3-yl group; 5-phenyl-2-oxobenzo-1,3-oxazolidin-3-yl group;

(F13-4) 2-oxoimidazolidin-1-yl group (wherein the position-3 of 2-oxoimidazolidin-1-yl group may be substituted by a phenyl C1-6 alkyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom and a methoxy group), or a phenyl group);

(F13-5) 2-oxobenzimidazolidin-1-yl group (which may be substituted on the benzene ring by a halogen atom, halogen-substituted or unsubstituted C1-6 alkyl group, dimethylamino group, or ethoxycarbonyl group; or the position-3 of the imidazolidine ring may be substituted by a 4-piperidinyl group, which may be

substituted by a group selected from the group consisting of a C1-6 alkyl group, a phenyl group wherein 1 to 3 halogen atoms may be substituted on the phenyl ring, a tert-butoxycarbonyl group, and a benzyloxycarbonyl group);

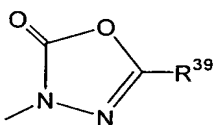
(F13-6) phthalimid-2-yl group;

(F13-7) oxyindol-1-yl group, wherein the position-3 may be substituted by 2 methyl groups or fluorine atoms;

(F13-8) benzoic sulfimid-2-yl group;

(F13-9) 1H-2,4-benzoxazin-3(4H)-on-4-yl group;

(F13-10) a group represented by the following general formula (Fga'):



(Fga')

wherein R³⁹ represents: a hydrogen atom; halogen-substituted or unsubstituted phenyl C1-6 alkyl group; halogen-substituted or unsubstituted phenoxy-methyl group; halogen-substituted or unsubstituted styryl group; phenyl group which may be substituted by at least one group selected from a group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group; biphenylyl group; 4-pyridyl group; or 2-pyrazinyl group, and

(F13-11) 5-(4-trifluoromethylbenzylidene)-

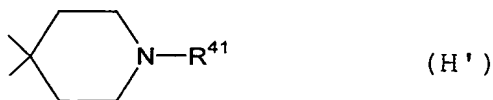
1,3-thiazolidine-2,4-dione-3-yl group;

a group represented by the following general formula (G'):



wherein R⁴⁰ represents a C1-6 alkyl group, or halogen-substituted or unsubstituted phenyl group,

a spiro ring group represented by the following general formula (H'):



wherein R⁴¹ represents:

H1) hydrogen atom;

H2) C1-6 alkyl group;

H3) phenyl C1-6 alkyl group or 4-biphenyl C1-6 alkyl group;

H4) phenyl group (which may be substituted by a halogen-substituted or unsubstituted C1-6 alkyl group);

H5) 4-substituted-1-piperazinyl C1-6 alkyl group (wherein the substituent at the position-4 is a C1-6 alkoxy carbonyl group, 4-biphenylmethoxycarbonyl group or benzyloxycarbonyl group, and the benzyloxycarbonyl group may be substituted by 1 to 3 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group,

and a halogen-substituted or unsubstituted C1-6 alkoxy group on the benzene ring);

H6) 4-substituted-1-piperazinylcarbonyl C1-6 alkyl group, wherein the position-4 is substituted with a C1-6 alkylcarbonyl group, 4-trifluoromethylbenzyloxy-carbonyl group, 4-trifluoromethylbenzyl group, or biphenylylmethyl group;

H7) 4-trifluoromethylphenylcarbamoyl C1-6 alkyl group;

H8) 2-benzoxazolone-1-ylpropyl group;

H9) 2-benzothiazolyl group;

H10) 1-phenyl-5-tetrazolyl group;

H11) methanesulfonyl group;

H12) benzenesulfonyl or p-toluenesulfonyl group;

H13) phenylthiocarbamoyl group, wherein the position-4 of the phenyl ring may be substituted by a halogen atom;

H14) C1-8 alkoxy carbonyl group;

H15) phenyl C1-6 alkoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen atom, a C1-6 alkoxy carbonyl group, a C1-6 alkoxy-carbonylamino group, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a nitro group, and a methylthio group);

H16) benzhydryloxy carbonyl group (which may

be substituted on the phenyl ring by 1 to 4 halogen atoms);

H17) 4-biphenylylmethoxycarbonyl group;

H18) naphthylmethoxycarbonyl group;

H19) pyridylmethoxycarbonyl group;

H20) methoxyethoxycarbonyl group;

H21) 2-(1-piperazinyl)ethoxycarbonyl group wherein the position-4 may be substituted by a C1-6 alkoxy carbonyl group, or halogen-substituted or unsubstituted phenyl C1-6 alkoxy carbonyl group;

H22) phenoxy carbonyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a C1-6 alkyl group and a C1-6 alkoxy group);

H23) C1-6 alkanoyl group;

H24) benzoyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group);

H25) phenyl C2-6 alkanoyl group (which may be substituted on the phenyl ring by at least one halogen-substituted or unsubstituted C1-6 alkyl group);

H26) phenoxy C2-6 alkanoyl group (which may be substituted by 1 to 3 halogen atoms on the phenyl ring);

H27) 4-substituted-1-piperazinyl C2-6 alkanoyl group (wherein the substituent at the position-4 is a C1-6 alkanoyl group, phenyl C1-6 alkyl group, 4-biphenylylmethyl group, phenyl C1-6

alkoxycarbonyl group, phenylcarbamoylmethyl group, phenyl carbamoyl group, or 2-benzoxazolyl group; and the phenyl ring of each of these phenyl C1-6 alkyl group, phenyl C1-6 alkoxycarbonyl group, phenylcarbamoylmethyl group and phenyl carbamoyl group, may be substituted by 1 to 3 groups selected from the group consisting of a halogen atom, a halogen-substituted or unsubstituted C1-6 alkyl group, and a halogen-substituted or unsubstituted C1-6 alkoxy group);

H28) phenylcarbamoyl group (which may be substituted on the phenyl ring by 1 to 3 groups selected from the group consisting of a halogen atom, a dimethylamino group, a carboxyl group, a C1-6 alkoxy-carbonyl group, a halogen-substituted or unsubstituted C1-6 alkyl group, a halogen-substituted or unsubstituted C1-6 alkoxy group, a 4-methyl-1-piperazinyl group, and a morpholino group);

H29) benzylcarbamoyl group (which may be substituted on the phenyl ring by at least one group selected from the group consisting of a halogen-substituted or unsubstituted C1-6 alkyl group and a halogen-substituted or unsubstituted C1-6 alkoxy group); or

H30) 4-substituted-1-piperazinylcarbonyl group, wherein the position-4 is substituted with a tert-butoxycarbonyl group, 4-trifluoromethylbenzyloxy-carbonyl group, or 4-trifluoromethylbenzyl group,

provided that, in the above general formula (1') when R^1 represents a hydrogen atom and R^2 represents a group represented by the above general formula (A'), then R^3 cannot be an isopropyl group; when R^1 represents a hydrogen atom, R^2 represents a group represented by the above general formula (E'), and m is 0, then R^{11} cannot be a hydrogen atom; and further, when R^1 represents a hydrogen atom and R^2 represents a group represented by the above general formula (F'), then it is not possible that R^{19} represents a hydrogen atom and R^{20} represents a tert-butoxycarbonyl group.

3. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (A).

4. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (B).

5. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (C).

6. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceu-

tically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (D).

7. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (E).

8. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (F).

9. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^2 represents a group represented by general formula (G).

10. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 1, wherein R^1 and $-(CH_2)_nR^2$ may bind to each other together with carbon atoms adjacent thereto through nitrogen atoms, so as to form a spiro ring represented by general formula (H).

11. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to any one of

claims 3 to 10, wherein n is 0.

12. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to any one of claims 3 to 10, wherein n represents an integer of 1 to 6.

13. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to any one of claims 3 to 10, wherein R¹ represents a hydrogen atom.

14. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to any one of claims 3 to 10, wherein R¹ represents a C1-6 alkyl group.

15. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R¹¹ represents any one of (E1) to (E3).

16. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R¹¹ represents (E4).

17. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R¹¹ represents any one of (E5) to (E9).

18. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole

compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R^{11} represents (E10).

19. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R^{11} represents (E11).

20. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R^{11} represents (E12).

21. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R^{11} represents (E13).

22. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R^{11} represents any one of (E14) to (E17) and (E19) to (E22).

23. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 7, wherein R^{11} represents (E18).

24. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 8, wherein R^{19} and R^{20} each identically or differently

represent any one of (F1) to (F11).

25. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 8, wherein R^{19} and R^{20} ; together with nitrogen atoms adjacent thereto, form a heterocyclic ring shown in any one of (F12-3) to (F12-10) and (F13) directly or through other hetero atoms or carbon atoms.

26. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 8, wherein R^{19} and R^{20} , together with nitrogen atoms adjacent thereto, form a heterocyclic ring shown in (F12-1) directly or through other hetero atoms or carbon atoms.

27. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 8, wherein R^{19} and R^{20} , together with nitrogen atoms adjacent thereto, form a heterocyclic ring shown in (F12-2) directly or through other hetero atoms or carbon atoms.

28. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 18, wherein o is 0.

29. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceu-

tically acceptable salt thereof according to claim 18, wherein o is 1, and W represents a group -CO-.

30. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 18, wherein o is 1, and W represents a C1-6 alkylene group.

31. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 18, wherein R¹⁴ is any one of (Eaa1) to (Eaa2) and (Eaa4) to (Eaa27).

32. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 18, wherein R¹⁴ is (Eaa3).

33. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 19, wherein o is 0.

34. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 19, wherein o is 1.

35. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 27, wherein R²⁶ is any one of (Fd1) to (Fd35), (Fd37) and (Fd39).

36. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 27, wherein R²⁶ is (Fd36).

37. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 27, wherein R²⁶ is (Fd38).

38. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 36, wherein R²⁷ is any one of (Fda1) to (Fda5) and (Fda7) to (Fda34).

39. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 36, wherein R²⁷ is (Fda6).

40. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 37, wherein R³⁵ is any one of (Ff1) to (Ff3), (Ff5) to (Ff7), and (Ff9) to (Ff26).

41. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceutically acceptable salt thereof according to claim 37, wherein R³⁵ is (Ff4).

42. The 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmaceu-

tically acceptable salt thereof according to claim 37, wherein R³⁵ is (Ff8).

43. 3-(4-Trifluoromethylphenyl)-2-propenyl 4-(2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazol-2-ylmethyl)piperazin-1-carboxylate,
- 3-(4-trifluoromethylphenyl)-2-propenyl (S)-4-(2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazol-2-ylmethyl)-piperazin-1-carboxylate,
- 3-(4-trifluoromethylphenyl)-2-propenyl (R)-4-(2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazol-2-ylmethyl)-piperazin-1-carboxylate,
- 2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxyphenoxy)-piperidin-1-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
- (S)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxyphenoxy)piperidin-1-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
- (R)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxyphenoxy)piperidin-1-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
- 2-methyl-6-nitro-2-{4-[1-(4-trifluoromethoxybenzyl)-piperidin-4-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
- (S)-2-methyl-6-nitro-2-{4-[1-(4-trifluoromethoxybenzyl)piperidin-4-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
- (R)-2-methyl-6-nitro-2-{4-[1-(4-trifluoromethoxybenzyl)piperidin-4-yl]phenoxy-methyl}-2,3-dihydro-

imidazo[2,1-b]oxazole,
6-nitro-2-{4-[4-(4-trifluoromethoxyphenoxy)piperidin-1-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-6-nitro-2-{4-[4-(4-trifluoromethoxyphenoxy)-piperidin-1-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-6-nitro-2-{4-[4-(4-trifluoromethoxyphenoxy)-piperidin-1-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-{4-[3-(4-trifluoromethoxyphenoxy)-8-azabicyclo[3.2.1]octan-8-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-{4-[3-(4-trifluoromethoxyphenoxy)-8-azabicyclo[3.2.1]octan-8-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-{4-[3-(4-trifluoromethoxyphenoxy)-8-azabicyclo[3.2.1]octan-8-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-{4-[3-(4-trifluoromethoxyphenoxy)-8-azabicyclo[3.2.1]octan-8-yl]phenoxy-methyl}-2,3-dihydroimidazo[2,1-b]oxazole 4-toluene sulfonate,
2-methyl-6-nitro-2-[4-(4-trifluoromethylbenzylidene-amino)piperazin-1-yl]-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-[4-(4-trifluoromethylbenzylideneamino)piperazin-1-yl]-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-[4-(4-trifluoromethylbenzylideneamino)piperazin-1-yl]-2,3-dihydroimidazo-

[2,1-b]oxazole,

2-[4-(5-chlorobenzofuran-2-ylmethyleamino)piperazin-1-yl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-[4-(5-chlorobenzofuran-2-ylmethyleamino)-piperazin-1-yl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-[4-(5-chlorobenzofuran-2-ylmethyleamino)-piperazin-1-yl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

2-[4-(5-trifluoromethylbenzofuran-2-ylmethyleamino)-piperazin-1-yl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-[4-(5-trifluoromethylbenzofuran-2-ylmethyleamino)piperazin-1-yl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-[4-(5-trifluoromethylbenzofuran-2-ylmethyleamino)piperazin-1-yl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylbenzyl)-piperazin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylbenzyl)piperazin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylbenzyl)piperazin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxybenzyl)-
piperazin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-
b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxy-
benzyl)piperazin-1-yl]phenoxyethyl}-2,3-dihydro-
imidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxy-
benzyl)piperazin-1-yl]phenoxyethyl}-2,3-dihydro-
imidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-[4-(4-trifluoromethylphenoxy)-
piperidin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-[4-(4-trifluoromethylphenoxy)-
piperidin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-[4-(4-trifluoromethylphenoxy)-
piperidin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
2-[4-(4-trifluoromethoxyphenyl)piperazin-1-ylmethyl]-2-
methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-[4-(4-trifluoromethoxyphenyl)piperazin-1-
ylmethyl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-
b]oxazole,

(R)-2-[4-(4-trifluoromethoxyphenyl)piperazin-1-
ylmethyl]-2-methyl-6-nitro-2,3-dihydroimidazo[2,1-
b]oxazole,

2-[4-(4-chlorophenyl)piperazin-1-ylmethyl]-2-methyl-6-
nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-[4-(4-chlorophenyl)piperazin-1-ylmethyl]-2-
methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-[4-(4-chlorophenyl)piperazin-1-ylmethyl]-2-

methyl-6-nitro-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-[4-(4'-trifluoromethylbiphenyl-4-ylmethyl)piperazin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-[4-(4'-trifluoromethylbiphenyl-4-ylmethyl)piperazin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-[4-(4'-trifluoromethylbiphenyl-4-ylmethyl)piperazin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylphenyl)-piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylphenyl)-piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylphenyl)-piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[4-(4-chlorobenzyl)piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[4-(4-chlorobenzyl)piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-{4-[4-(4-chlorobenzyl)piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[4-(4-chlorophenyl)piperazin-1-yl]phenoxy}methyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[4-(4-chlorophenyl)piperazin-

1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-{4-[4-(4-chlorophenyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxybenzyloxycarbonyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxybenzyloxycarbonyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethoxybenzyloxycarbonyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-{4-[4-(3,4-dichlorobenzyloxycarbonyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-{4-[4-(3,4-dichlorobenzyloxycarbonyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-{4-[4-(3,4-dichlorobenzyloxycarbonyl)piperazin-1-yl]phenoxyethyl)-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-[4-(4-trifluoromethoxyphenoxy)-piperidin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-[4-(4-trifluoromethoxyphenoxy)-piperidin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-[4-(4-trifluoromethoxyphenoxy)-piperidin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-[4-(4-trifluoromethylphenyl)-

piperazin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-[4-(4-trifluoromethylphenyl)-
piperazin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-[4-(4-trifluoromethylphenyl)-
piperazin-1-ylmethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-[4-(5-trifluoromethoxybenzofuran-2-
ylmethyleneamino)piperazin-1-ylmethyl]-2,3-
dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-[4-(5-trifluoromethoxyl-
benzofuran-2-ylmethyleneamino)piperazin-1-ylmethyl]-
2,3-dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-[4-(5-trifluoromethoxyl-
benzofuran-2-ylmethyleneamino)piperazin-1-ylmethyl]-
2,3-dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-[4-(5-trifluoromethylbenzofuran-2-
ylmethyleneamino)piperazin-1-ylmethyl]-2,3-
dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-[4-(5-trifluoromethylbenzofuran-
2-ylmethyleneamino)piperazin-1-ylmethyl]-2,3-
dihydroimidazo[2,1-b]oxazole,
(R)-2-methyl-6-nitro-2-[4-(5-trifluoromethylbenzofuran-
2-ylmethyleneamino)piperazin-1-ylmethyl]-2,3-
dihydroimidazo[2,1-b]oxazole,
2-methyl-6-nitro-2-[4-[4-(4-chlorophenoxy)piperidin-1-
yl]phoxymethyl]-2,3-dihydroimidazo[2,1-b]oxazole,
(S)-2-methyl-6-nitro-2-[4-[4-(4-chlorophenoxy)-
piperidin-1-yl]phoxymethyl]-2,3-dihydroimidazo[2,1-
b]oxazole,

(R)-2-methyl-6-nitro-2-{4-[4-(4-chlorophenoxy)-piperidin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylphenoxy)-piperidin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylphenoxy)piperidin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(R)-2-methyl-6-nitro-2-{4-[4-(4-trifluoromethylphenoxy)piperidin-1-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

2-methyl-6-nitro-2-{4-[1-(4-chlorobenzyl)piperidin-4-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

(S)-2-methyl-6-nitro-2-{4-[1-(4-chlorobenzyl)piperidin-4-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole,

or

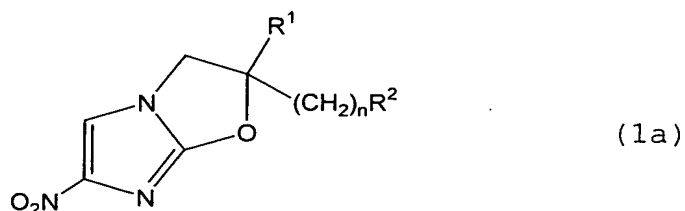
(R)-2-methyl-6-nitro-2-{4-[1-(4-chlorobenzyl)piperidin-4-yl]phenoxyethyl}-2,3-dihydroimidazo[2,1-b]oxazole.

44. A pharmaceutical composition which is an antitubercular agent comprising, as an active ingredient, the 2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compound, optically active form thereof, or pharmacologically acceptable salt thereof according to claim 1.

45. A pharmaceutical composition which is an antitubercular agent comprising, as an active ingredient, at least one compound selected from the

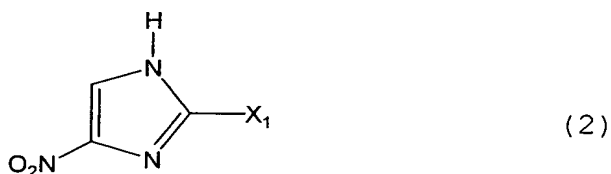
2,3-dihydro-6-nitroimidazo[2,1-b]oxazole compounds according to claim 43.

46. A method for producing a compound represented by the following general formula (1a):



wherein R^1 , R^2 and n are defined as the same as in claim 1,

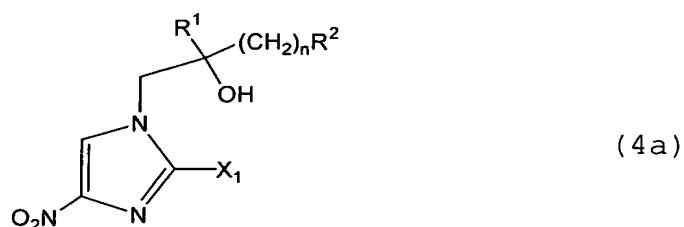
said production method comprising: the reaction of a 4-nitroimidazole compound represented by the following general formula (2):



wherein X_1 represents a halogen atom or nitro group, with an epoxy compound represented by the following general formula (3a):

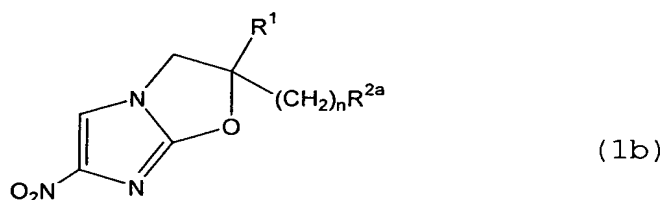


wherein R^1 , R^2 and n are defined as the same as in claim 1, so as to obtain a compound represented by the following general formula (4a):



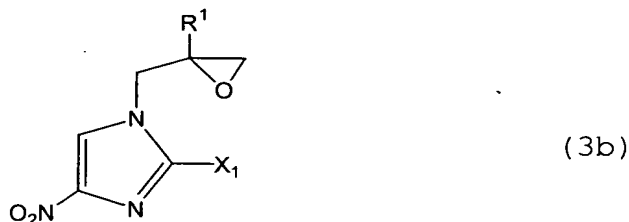
wherein R^1 , R^2 and n are defined as the same as in claim 1, and X_1 represents a halogen atom or nitro group; and the following ring closure of the obtained compound represented by the above general formula (4a).

47. A method for producing a compound represented by the following general formula (1b):



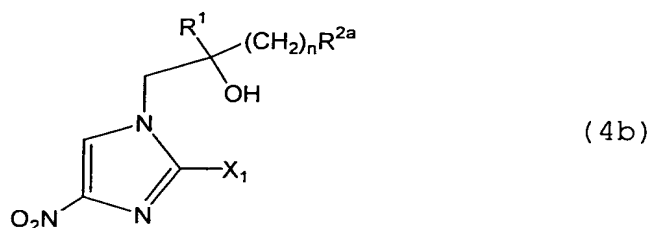
wherein R^1 is as defined in claim 1, and R^{2a} represents a group represented by the general formula (A), (B), (E) or (F) according to claim 1,

said production method comprising: the reaction of a compound represented by the following general formula (3b):



wherein R^1 is as defined in claim 1, and X_1 represents a halogen atom or nitro group, with a compound (5) represented by the following general formula $R^{2a}H(5)$ or a salt thereof,

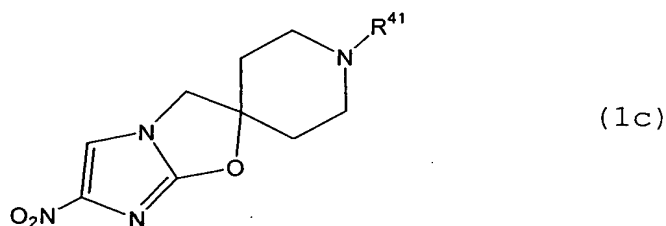
wherein R^{2a} represents the group represented by the general formula (A), (B), (E) or (F) according to claim 1, so as to obtain a compound represented by the following general formula (4b):



wherein R^1 is as defined in claim 1, R^{2a} represents the group represented by the general formula (A), (B), (E) or (F) according to claim 1, and X_1 represents a halogen atom or nitro group; and

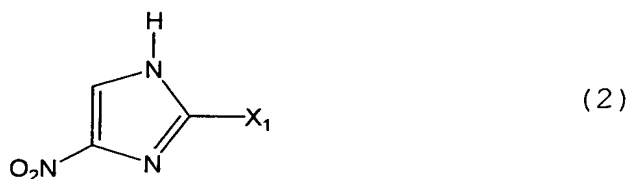
the following ring closure of the obtained compound represented by the above general formula (4b).

48. A method for producing a compound represented by the following general formula (1c):



wherein R^{41} is as defined in claim 1,

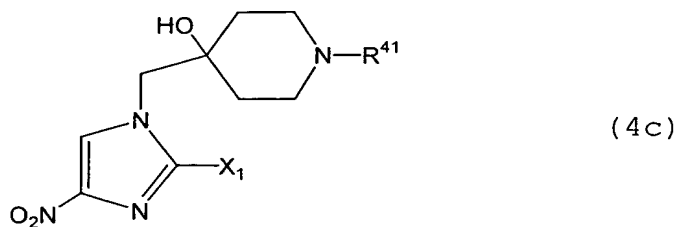
said production method comprising: the reaction of a compound represented by the following general formula (2):



wherein X_1 represents a halogen atom or nitro group,
with a compound represented by the following general
formula (3c):



wherein R^{41} is as defined in claim 1,
so as to obtain a compound represented by the following
general formula (4c):



wherein R^{41} is as defined in claim 1, and X_1 represents
a halogen atom or nitro group; and
the following ring closure of the obtained compound
represented by the above general formula (4c).